

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

MAR 20 2006

Initial application of: Tipton, et al.

Attorney Docket No.: NOVLP075/NVLS-000820

Application No.: 10/672,311

Examiner: COLEMAN, WILLIAM D

Filed: September 26, 2003

Group: 2823

Title: **METHOD OF POROGEN REMOVAL  
FROM POROUS LOW-K FILMS USING  
UV RADIATION**

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on March 17, 2006 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed:

Tara Hayden

**INFORMATION DISCLOSURE STATEMENT  
BEFORE FINAL ACTION OR NOTICE OF ALLOWANCE  
(37 CFR §§ 1.56 AND 1.97(c))**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, a copy of which is attached, may be material to examination of the above-identified patent application. Applicants submit this reference in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make this citation of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that this reference indeed constitutes prior art.

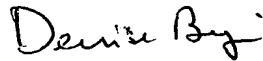
This Information Disclosure Statement is being filed after the mailing date of the first Office Action on the merits, or after three months of the filing date of this application, whichever event occurred last, but it is believed before the mailing date of either: (i) a final action under §1.113 or (ii) a notice of allowance under §1.311, whichever occurs first.

Accompanying this Information Disclosure Statement is

- a statement as specified in 37 CFR 1.97(e); or  
 the fee set forth in 37 CFR 1.17(p).

If fees are due, enclosed is our Check No. 11751 for \$180.00 in payment of the Information Disclosure Statement Fee. If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. NOVLP075).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP



Denise S. Bergin  
Registration No. 50,581

P.O. Box 70250  
Oakland, CA 94612-0250


**Form 1449 (Modified)**
**Information Disclosure  
Statement By Applicant**

(Use Several Sheets if Necessary)

Atty Docket No.  
NOVLP075/NVLS-000820  
Applicant:  
Tipton et al.  
Filing Date  
September 26, 2003

Application No.:  
10/672,311  
Group  
2823

**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A1	5,849,640	12.1998	Hsia et al.			
	A2	6,797,643 B2	09.2004	Rocha-Alvarez et al.			
	A3	6,815,373 B2	11.2004	Singh et al.			
	A4	6,914,014 B2	07.2005	Li et al.			
	A5	2004/0101633 A1	05.2004	Zheng et al.			
	A6	6,258,735 B1	07.2001	Xia et al.			
	A7	6,610,362 B1	08.2003	Towle, Steven N.			
	A8	6,632,478 B2	10.2003	Gaillard et al.			
	A9	2004/0096593 A1	05.2004	Lukas et al.			
	A10	2004/0161532 A1	08.2004	Kloster et al.			
	A11	2004/0170760 A1	09.2004	Meagley et al.			
	A12	2005/0064698 A1	03.2005	Chang et al.			
	A13	6,715,498 B1	04.2004	Humayun et al.			

**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	C1	U.S. Office Action mailed December 20, 2005, from U.S Application No. 10/849,568 [Atty Dkt No. NOVLP083/NVLS-2867].
	C2	U.S. Office Action mailed January 9, 2006, from U.S Application No. 10/785,235 [Atty Dkt No. NOVLP085/NVLS-2875].
	C3	U.S. Office Action mailed December 27, 2005, from U.S Application No. 10/789,103 [Atty Dkt No. NOVLP094/NVLS-002919].
	C4	U.S. Office Action mailed December 23, 2005, from U.S Application No. 10/800,409 [Atty Dkt No. NOVLP098/NVLS-002907].
	C5	U.S. Office Action mailed February 7, 2006, from U.S Application No. 10/672,305 [Atty Dkt No. NOVLP069/NVLS-000821].
	C6	Subramonium et al., "Pulsed PECVD Method for Modulating Hydrogen Content in Hard Mask", U.S. Application No. 11/318,269, filed December 23, 2005 (Atty Dkt: NOVLP144/NVLS-3102)
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.